

Peak District National Park

Forecast valid from 00:00 on Thursday 10 Feb 2022 until 23:59 on Friday 11 Feb 2022

Forecast Issued on Wednesday 09 Feb 2022 at 16:10

Confidence: High for a showery day Thursday and a mainly dry and bright day Friday but lower with regard to timing of arrival and clearance of rain over the weekend and Monday.

Headline for Thursday 10 Feb 2022: Cold with sunny spells and, in west, wintry showers. Strong westerly winds.

Mountain weather hazards on Thursday 10 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Light snow showers	Light snow showers	Light snow showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	10%	20%	30%	30%	30%	20%	10%

Forecast for Thursday 10 Feb 2022

Weather: Clear or sunny spells, although cloud expected to increase for a time during the afternoon, with occasional snow showers, these turning to rain or sleet at times away from the higher summits. Best of the sunshine across eastern hills.

Chance of cloud-free hill tops above 600m: Around 75% dropping to, especially in west, 40% for a time in the afternoon.

Low cloud and visibility: Occasional cloud above about 600m becoming, especially in west, periods above about 450-600m at times through the afternoon. Otherwise visibility very good falling to several kilometres in sleet showers and perhaps a kilometre in snow showers.

Forecast for Thursday 10 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 W	21/28 W	21/29 W	24/33 W	26/38 W	27/39 W	23/34 W	15/23 W	11/15 W
300	15/23 W	16/23 W	13/20 W	17/24 W	20/31 W	21/32 W	18/29 W	12/21 W	8/14 NW
Valley	10/21 W	10/22 W	9/19 W	13/26 W	15/30 W	16/32 W	12/26 W	8/17 W	4/11 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	-1/-8	-1/-9	-1/-8	-0/-8	0/-8	-0/-7	-0/-6	-1/-6
300	3/-2	2/-4	1/-4	1/-5	2/-4	3/-3	2/-3	2/-2	1/-2
Valley	3/-0	2/-2	2/-2	1/-4	4/-1	4/-1	3/-2	3/-1	1/-1
Freezing Level*	600m	400m	400m	400m	500m	600m	500m	500m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts around 45mph over higher peaks around the middle of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 09 Feb 2022	8mm	9.6mm	11mm

Forecast for Friday 11 Feb 2022

Weather: One or two light sleet or snow showers around, especially through the morning, but most places dry with clear or sunny spells, the sunshine tending to become hazy through the afternoon as cloud above the summits increases. Cloud continues to increase through the evening but it should remain dry.

Maximum wind: Westerly backing southerly or southwesterly 10-15mph, increasing 20-25mph through the late afternoon and evening, gusts around 45mph over higher peaks by midnight.

Chance of cloud-free hill tops above 600m: Around 75% through the morning improving to around 90% in afternoon, but chances falling, especially in the west, towards midnight.

Low cloud and visibility: Occasional cloud above 600m through the morning the only small amounts of cloud below the summits in the afternoon, cloud starts to increase again above 450-600m in the west towards midnight. Otherwise visibility very good falling briefly in any snow showers.

Temperature: **Valleys:** Around minus 2 or 3 Celsius at dawn rising to plus 7 or 8 Celsius in the afternoon.
At 600m: Around minus 2 Celsius, rising to plus 1 Celsius later
Freezing level: Around 400m rising above the summits in the evening